

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)				Attorney Docket Number <b>5770.21</b>		Serial No. <b>09/804,369</b>	
				Applicants: <b>Bastiaan Driehuys et al.</b>			
				Filing Date <b>March 12, 2001</b>		Group <b>1619</b>	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,438,982	08/08/95	MacIntyre	128	207.14	
	2.	5,788,665	08/04/98	Sekins	604	19	
	3.	5,968,017	10/19/99	Lampropoulos et al.	604	183	
	4.	6,370,415	04/09/02	Weiler et al.	604	410	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	5.	WO 99/66254	23/12/99	PCT	F17C	1/00	X
	6.	WO 99/66255	23/12/99	PCT	F17C	1/00	X
	7.	WO 01/74246	11/10/01	PCT	A61B	5/055	X
	8.	WO 02/04709	17/01/02	PCT	C25B	5/00	X
	9.	0 446 715 A2	18/09/91	Europe	A61B	6/00	X
	10.	0 547 463 A1	23/06/93	Europe	A61M	25/00	X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	11.	International Search Report corresponding to PCT/US 01/07812; date of mailing: April 18, 2002.					

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)				Attorney Docket Number <b>5770-21</b>		Serial No. <b>09/804,369</b>	
Applicants: <b>Bastiaan Driehuys et al.</b>							
Filing Date <b>March 12, 2001</b>						Group	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	3,623,474	11/30/71	Hellman et al.	128	2R	
	2.	4,312,860	01/26/82	Clements	128	199	
	3.	4,466,442	08/21/84	Hilman et al.	128	653	
	3.	4,586,511	05/06/86	Clark, Jr.	128	653	
	5.	4,775,522	10/04/88	Clark, Jr.	424	9	
	6.	4,793,357	12/27/88	Lindstrom	128	653	
	7.	4,826,821	05/02/89	Clements	514	78	
	8.	4,996,041	02/26/91	Arai et al.	424	9	
	5.	5,046,498	09/10/91	Fishman	128	653	
	10.	5,186,924	02/16/93	Fishman	424	9	
	11.	5,190,744	03/02/93	Rocklage et al.	128	9	
	18.	5,309,903	09/10/91	Long	128	203.12	
	19.	5,322,511	06/21/94	Armbruster et al.	600	155	
	14.	5,352,979	10/04/94	Conturo	424	300	
	18.	5,509,412	04/23/96	Bahn	128	653.2	
	16.	5,522,390	06/04/96	Tuithof et al.	128	653.2	
	17.	5,545,396	08/13/96	Albert et al.	424	93	
	18.	5,617,859	04/08/97	Souza et al.	128	653.2	
	19.	5,617,860	04/08/97	Chupp et al.	128	653.4	
	20.	5,626,137	05/06/97	Dumoulin et al.	128	653.2	
	21.	5,642,625	07/01/97	Cates, Jr. et al.	62	55.5	
	22.	5,773,024	06/30/98	Unger et al.	424	450	
	23.	5,785,953	07/28/98	Albert et al.	424	93	
	20.	5,789,921	06/04/96	Albert et al.	424	300	
	25.	5,924,987	07/23/94	Meaney et al.	600	420	
	26.	5,934,103	08/10/99	Ryan et al.	62	637	
	27.	5,936,404	08/10/99	Ladbeck et al.	324	300	

EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)				Attorney Docket Number <b>5770-21</b>		Serial No. <b>09/804,369</b>	
				Applicants: <b>Bastiaan Driehuys et al.</b>			
				Filing Date <b>March 12, 2001</b>		Group	
	28.	6,023,162	02/08/00	Johnson	324	300	
	29.	6,033,645	03/07/00	Unger et al.	424	9.5	
	30.	6,033,645	03/07/00	Unger et al.	424	9.5	
	31.	6,042,809	03/28/00	Tournier et al.	424	9.3	
	32.	6,051,208	04/18/00	Johnson et al.	424	9.3	
	33.	6,085,743	07/11/00	Rosen et al.	128	200.24	
	34.	6,123,919	09/26/00	Albert et al.	424	9.3	
	35.	6,134,914	10/24/00	Eschwey et al.	62	637	
	36.	6,199,385	03/13/01	Driehuys et al.			
	37.	6,237,363	05/29/01	Zollinger et al.			
	38.	6,269,648	08/07/01	Hasson et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	39.	WO 97/37239	10/97	PCT			
	40.	WO98/43701	08/10/98	PCT			
	41.	WO98/58272	23/12/98	PCT			
	42.	WO 99/07415	18/02/99	PCT			
	43.	WO 99/25243	27/05/99	PCT			
	44.	WO99/35508	15/07/99	PCT			
	45.	WO 99/52428	21/10/99	PCT			
	46.	WO99/53332	21/10/99	PCT			
	47.	WO 00/21601	20/04/00	PCT			
	48.	WO 00/23797	27/04/00	PCT			
	49.	WO00/40972	13/07/00	PCT			
	50.	WO99/08941	25/02/99	PCT			
	51.	EP 0933062A2	04/08/99	EPO			

EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number <b>5770-21</b>  Applicants: <b>Bastiaan Driehuys et al.</b>  Filing Date <b>March 12, 2001</b>	Serial No. <b>09/804,369</b>  Group
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	52.	Albert et al., " <sup>129</sup> Xe Relaxation Catalysis by Oxygen", Abstracts of the 11th Annual Meetings of the Society for Magnetic Resonance Medicine, Abstract No. 4710 (1992).	
	53.	Albert et al., "Aqueous Shift Reagents for High-resolution Cation NMR. VI," Reprint from NMR in Biomedicine 6 7-20 (1993).	
	54.	Albert et al., "Biological magnetic resonance imaging using laser-polarized <sup>129</sup> Xe," Letters to Nature, Vol. 370, pp. 199-201 (21 July 1994).	
	55.	Albert et al., "Magnetic Resonance Imaging Using Hyperpolarized <sup>129</sup> Xe," Medical Electronics, pp. 72-80 (December 1994).	
	56.	Albert et al., "Relaxation of <sup>129</sup> Xe in Model Biological Systems: On Probing the Mechanism of General Anesthesia", Abstracts of the 11th Annual Meetings of the Society for Magnetic Resonance Medicine, Abstract No. 2104 (1992).	
	57.	Albert et al., "Susceptibility Changes Following Bolus Injections," Reprint from Magnetic Resonance in Medicine 29 700-708 (1993).	
	58.	Albert et al., "Development of Hyperpolarized Noble Gas MRI," Nucl. Inst. And Meth. In Phys. Res. A 402, pp. 441-453 (1998).	
	59.	Albert et al., "Measurement of <sup>129</sup> Xe T1 in Blood to Explore the Feasibility of Hyperpolarized <sup>129</sup> Xe MRI," Jour. Comp. Ass. Tomography, Vol. 19, No. 6 (Nov.-Dec. 1995).	
	60.	Augustine et al., "Low Field Magnetic Resonance Images of Polarized Noble Gases Obtained with a dc Quantum Interference Device," App. Phys. Ltrs., Vol. 72, No. 15, pp. 1908-1910 (April 1998).	
	61.	Bárány, M. et al., "High Resolution Proton Magnetic Resonance Spectroscopy of Human Brain and Liver," Magn. Reson. Imaging, 5:393 (1987).	
	62.	Becker et al., "Study of Mechanical Compression of Spin-Polarized <sup>3</sup> He Gas", Nuclear Instruments and Methods In Physics Research, Vol. A 346, pp. 45-51 (1994).	
	63.	Belliveau et al., "Functional Cerebral Imaging by Susceptibility-Contrast NMR," 14 Magnetic Resonance in Medicine 14, pp. 538-546 (1990).	
	64.	Bhaskar et al., "Efficiency of Spin Exchange between Rubidium Spins and <sup>129</sup> Xe Nuclei in a Gas", Physical Review Letters, Vol. 49, No. 1, pp. 25-28 (7/5/82).	
	65.	Bifone, et al., "NMR of laser-polarized xenon in human blood," Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 12932-12936 (November 1996).	
	66.	Blumgart et al., "Studies on the Velocity of Blood Flow," J. Clin. Invest., 4:339-425 (1927).	
	67.	Borman, "Xenon Used to Expand Magnetic Imaging," Chem. & Eng. News, Vol. 72, No. 30, pp. 7-8 (7/25/94)	
	68.	Brookeman, J.R., "MRS and MRI of Hyperpolarized <sup>129</sup> Xe: Studies in Human Volunteers," pp. 505-512, Proceedings of Educational Course at the Sixth Meeting of the International Society for Magnetic Resonance in Medicine, Sydney, Australia (April 1998).	

EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number <b>5770-21</b>  Applicants: <b>Bastiaan Driehuys et al.</b>  Filing Date <b>March 12, 2001</b>	Serial No. <b>09/804,369</b>  Group
69.	Burt et al., "Fluorinated Anesthetics as Probes of Lipophilic Environments in Tumors," J. Magn. Reson., 53:163 (1983).		
70.	Burt et al., "The Fluorinated Anesthetic Halothane as a Potential NMR Biologic Probe," Biochem. Biophys. Acta., 805:375 (1984).		
71.	Chawla, et al., "In Vivo Magnetic Resonance Vascular Imaging Using Laser-Polarized $^3\text{He}$ Microbubbles," Proc. Natl. Acad. Sci, Vol. 95, pp. 10832-10835 (September 1998).		
72.	Chupp et al., "Chemical Shift Imaging of Laser-Polarized $^{129}\text{Xe}$ Magnetization in Rats <i>In Vivo</i> ," European Radiology, 9:B45 (1999).		
73.	de Lange et al., "Lung Airspaces: MR Imaging Evaluation with Hyperpolarized Helium-3 Gas," Radiology 210, 851-857(1999).		
74.	Diehl et al., "Nuclear Magnetic Relaxation of the $^{129}\text{Xe}$ and $^{131}\text{Xe}$ Isotopes of Xenon Gas Dissolved in Isotropic and Anisotropic Liquids," J. Magn. Reson., Vol. 88, pp. 660-665 (1990).		
75.	Donnelly et al., "Cystic Fibrosis: Combined Hyperpolarized $^3\text{He}$ -enhanced and Conventional Proton MR Imaging in the Lung—Preliminary Observations," Radiology 212, PP. 885-889(September 1999)		
76.	Driehuys et al., "High-volume production of laser-polarized $^{129}\text{Xe}$ ," Appl. Phys. Lett., Vol. 69, No. 12, pp. 1668-1670 (16 September 1996).		
77.	Driehuys et al., "Surface Relaxation Mechanisms of Laser-Polarized $^{129}\text{Xe}$ ," 74 Phys. Rev. Lett., No. 24, pp. 4943-4946 (12 June 1995).		
78.	Fullerton et al., Chapter 3 "Relaxation of Biological Tissues," Biomedical Magnetic Resonance Imaging: Principles, Methodology, and Applications, pp. 115-155, (1988).		
79.	Gao et al., "Magnetization and Diffusion Effects in NMR Imaging of Hyperpolarized Substances," Mag. Reson. In Med., Vol. 37, No. 1 pp. 153-158 (Jan. 1997).		
80.	Glover et al., "Research Directions in MR Imaging," Radiology, Vol. 207, pp. 289-295, (1998).		
81.	Goodson et al., "In vivo NMR and MRI Using Injection Delivery of Laser-Polarized Xenon," 94 Proc. Natl. Acad. Sci. USA, pp. 14725-14729 (1997).		
82.	Horbar et al., "A Multicenter Randomized, Placebo-controlled Trial of Surfactant Therapy for Respiratory Distress Syndrome," 320 The New England Jnl. of Med., No. 15, pp. 959-965 (April 13, 1989).		
83.	Hou, et al., "Optimization of Fast Acquisition Methods for Whole-Brain Relative Cerebral Blood Volume (rCBV) Mapping with Susceptibility Contrast Agents," J. Mag. Res. Imaging, Vol. 9 pp. 233-239 (1999).		
84.	Il'yasov et al., " $^{129}\text{Xe}$ NMR in Study of Tissues and Plants," Appl. Magn. Reson. Vol. 17, pp. 17-84 (1999).		
85.	Kaatz et al., "A comparison of molecular hyperpolarizabilities from gas and liquid," J. Chem. Phys., Vol. 108, No. 3, pp. 849-856 (1/15/98).		
86.	Kauczor et al., "MRI Using Hyperpolarized Noble Gases," Eur. Radiol., Vol. 8, No. 5, Abstract (1998).		
87.	Kendall et al., "Xenon as a Contrast Agent for Computed Tomography," J. Neuroradiology, Vol. 8, No. 3, pp. 3-12 (1981).		

EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number <b>5770-21</b>  Serial No. <b>09/804,369</b>
		Applicants: <b>Bastiaan Drichuys et al.</b>
		Filing Date <b>March 12, 2001</b> Group
88.	Kerns et al., "Carbon Dioxide Digital Subtraction Angiography: Expanding Applications and Technical Evolution," 164 Am. Jnl. Roentgen., pp. 735-741 (1995).	
89.	Knudsen et al., "Blood-brain barrier permeability measurements by double-indicator method using intravenous injection," Am. J. Physiol. 266 (Heart Circ. Physiol. 35) pp. H987-H999 (1994).	
90.	Lassen, "Cerebral Transit of an Intravascular Tracer May Allow Measurement of Regional Blood Volume But Not Regional Blood Flow," 4 J. Cereb. Blood Flow and Metab. Pp. 633-634 (1984).	
91.	Le Bihan, "Magnetic Resonance Imaging of Perfusion*," Mag. Reson. In Med., Vol. 14, pp. 283-292 (1990).	
92.	MacFall et al., "Human Lung Air Spaces: Potential for MR Imaging with Hyperpolarized He-3," Radiology, Vol. 200, No. 2, pp. 553-558 (1996).	
93.	Mair et al., "Magnetic Resonance Imaging of Convection in Laser-Polarized Xenon," Phys. Rev. E, Vol. 61, No. 3 (March 2000).	
94.	Mair et al., "Probing Porous Media with Gas Diffusion NMR," Phys. Rev. Ltrs., Vol. 83, No. 16, pp. 3324-3327 (October 18, 1999).	
95.	Mansfeld et al., "The use of <sup>129</sup> Xe NMR exchange spectroscopy for probing the microstructure of porous materials," Chem. Phys. Ltrs., Vol. 213, No. 1, 2, pp. 153-157 (1 October 1993).	
96.	Martin, "The Pharmacokinetics of Hyperpolarized Xenon: Implications for Cerebral MRI," Jour. Magn. Reson. Imag., Vol. 7, No. 5, pp. 848-854 (Sep.-Oct. 1997).	
97.	Mazitov et al. "A simple method for producing liquid or solid NMR samples containing dissolved gases at elevated pressures," Rev. Sci. Instrum. 65 (6), pp. 21492150 (June 1994).	
98.	McAdams et al., "Hyperpolarized 3He-Enhanced MR Imaging of Lung Transplant Recipients: Preliminary Results," AJR 173, 955-959 (1999).	
99.	McKim et al., "Evidence of xenon transport through the gramicidin channel: a <sup>129</sup> Xe-NMR study," Biochimica et Biophysica Acta 1193, pp. 186-198 (1994).	
100.	Miller et al., "Xenon NMR: Chemical shifts of a general anesthetic common solvents, proteins, and membranes", Proc. of the Nat. Acad. of Sci. (USA), Vol. 78, No. 8, pp. 4946-4949 (August 1981).	
101.	Miller, " <sup>129</sup> Xe NMR in Polymers," Rubber Chem. And Tech., Vol. 66, pp. 455-461 (1993).	
102.	Möller et al., "Magnetic Resonance Angiography with Hyperpolarized <sup>129</sup> Xe Dissolved in Lipid Emulsion," 41 Mag. Res. Med. No. 5, pp. 1058-1064 (1999).	
103.	Moschos, A. et al., "Communications Nuclear Magnetic Relaxation of Xenon-129 Dissolved in Organic Solvents," J. Mag. Reson., Vol. 95, pp. 603-606 (1991).	
104.	Moseler et al., "Formation, Stability, and Breakup of Nanojets, Science," Vol. 289, No. 5482, pp. 1165-1169 (18 August 2000).	
105.	Mugler, III et al. "Gradient-Echo MR Imaging, RSNA Categorical Course in Physics: The Basic Physics of MR Imaging", U. of VA Health Sci. Cir., pp. 71-88 (1997).	
106.	Mugler, III et al., "MR Imaging and Spectroscopy Using Hyperpolarized <sup>129</sup> Xe Gas: Preliminary Human Results," 37 Magn. Reson. In Med., Vol. 37, No. 6, pp. 809-815 (1997).	

/D. Jones/

03/03/2009

EXAMINER

DATE CONSIDERED

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number 5770-21  Serial No. 09/804,369
		Applicants: <b>Bastiaan Driehuys et al.</b>
		Filing Date <b>March 12, 2001</b> Group
	107.	Navon et al., "Enhancement of Solution NMR and MRI with Laser-Polarized Xenon," Science, Vol. 271, pp. 1848-1851 (March 1996).
	108.	Pasquier et al., " <sup>129</sup> Xe NMR as a Probe of the Dynamics of Gas Confined in Porous Vycor," Mag. Reson. Imag., Vol. 14, No. 7/8, pp. 971-973 (1996).
	109.	Patyal, "Longitudinal Relaxation and Diffusion Measurements Using Magnetic Resonance Signals from Laser-Hyperpolarized <sup>129</sup> Xe Nuclei," J. Magn. Reson., Vol. 126, No. 1, pp. 58-65, May 1997.
	110.	Peled et al., "Determinants of Tissue Delivery for <sup>129</sup> Xe Magnetic Resonance in Humans," Mag. Res. Med, Vol. 36, pp. 340-343 (1996).
	111.	Pfeffer et al., " <sup>129</sup> Xe gas NMR spectroscopy and imaging with a whole-body imager," J. Mag. Reson., Ser. A., Vol. 108, No. 1, pp. 106-109 (May 1994).
	112.	Pietrafß et al., "Optically Polarized <sup>129</sup> Xe in NMR Spectroscopy," Advanced Materials, pp. 826-838 (1995)
	113.	Pollack et al., "Solubility of xenon in liquid n-alkanes: Temperature dependence and thermodynamic functions," J. Chem. Phys., Vol. 7, No. 6, pp. 3221-3229 (15 September 1982).
	114.	Pollack et al., "Solubility of xenon in liquid n-alkanois: Thermodynamic functions in simple polar liquids," J. Chem. Phys., 81 (7) pp. 3239-3246 (1 October 1984).
	115.	Presson et al., "Fate of Air Emboli in the Pulmonary Circulation," 67 J. Appl. Physiol. 5, pp. 1898-1902 (1989).
	116.	Raftery, et al., "High-Field NMR of Adsorbed Xenon Polarized by Laser Pumping," Phys. Rev. Lett., Vol. 66, No. 5, pp. 584-587 (4 February 1991).
	117.	Raftery, et al., "NMR of optically pumped xenon thin films," Chem. Phys. Lett., Vol. 191, No. 5, pp. 385-390 (4/8/92).
	118.	Ratanakorn et al., "A New Dynamic Method for Detection of Internal Jugular Valve Incompetence Using Air Contrast Ultrasonography," Jn. of Neuroimaging, Vol. 9, No. 1, pp. 10-14 (January 1999).
	119.	Rosen et al., "Perfusion Imaging by Nuclear Magnetic Resonance," Mag. Reson. Quart., Vol. 5, No. 4, pp. 263-281 (1989).
	120.	Rosen et al., "Polarized <sup>129</sup> Xe optical pumping/spin exchange and delivery system for magnetic resonance spectroscopy and imaging studies, Rev. Sci. Instrum., Vol. 70, No. 2, pp. 1546-1552 (February 1999).
	121.	Ruppert et al., "NMR of hyperpolarized <sup>129</sup> Xe in the canine chest: spectral dynamics during a breath-hold," NMR Biomed., Vol. 13, pp. 220-228 (2000).
	122.	Ruth et al., "Production of Nitrogen-Free, Hyperpolarized <sup>129</sup> Xe Gas," Appl. Phys. B, Vol. 68, pp. 93-97 (1999).
	123.	Sauer et al., "Laser-Polarized Liquid Xenon," Chem. Phys. Lett., Vol. 277, pp. 153-158 (3 October 1997).
	124.	Schad et al., "Hyperpolarized Gases -- A New Type of MR Contrast Agents?," Acta Radiologica 38, Suppl. 412, pp. 43-46 (1997).

 EXAMINER  
 \*EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)		Attorney Docket Number <b>5770-21</b>  Serial No. <b>09/804,369</b>
		Applicants: <b>Bastiaan Drichuys et al.</b>
		Filing Date <b>March 12, 2001</b> Group
	125.	Schoenborn, "Binding of Xenon to Horse Haemoglobin," Nature, Vol. 208, pp. 760-762 (November 20, 1965).
	126.	Song et al., "Effects of Diffusion on Magnetic Resonance Imaging of Laser-Polarized Xenon Gas," Jour. Chem. Phys., Vol. 108, No. 15, pp. 6233-6239 (April 1998).
	127.	Song et al., "Spin-Polarized <sup>129</sup> Xe Gas Imaging of Materials," J. Mag. Reson, Series A 115, pp. 127-130 (1995).
	128.	Swanson et al., "Brain MRI with Laser-Polarized <sup>129</sup> Xe," Mag. Res. Med., Vol. 38, pp. 695-698 (1997).
	129.	Tilton, Jr., et al., "Nuclear Magnetic Resonance Studies of Xenon-129 with Myoglobin and Hemoglobin," Biochemistry, Vol. 21, No. 26, pp. 6850-6857 (1982).
	130.	Tseng et al., "NMR of Laser-Polarized <sup>129</sup> Xe in Blood Foam," J. Mag. Res., Vol. 126, pp. 79-86 (1997).
	131.	van Blankenstein et al., "Cardiac Depression after Experimental Air Embolism in Pigs: Role of Addition of a Surface-Active Agent", 34 Cardiovascular Research, pp. 473-482 (1997).
	132.	van Blankenstein et al., "Heart Function after Injection of Small Air Bubbles in Coronary Artery of Pigs," 67 J. App. Physiol. 5, pp. 1898-1902 (1989).
	133.	Wagshul, "In Vivo MR Imaging and Spectroscopy Using Hyperpolarized <sup>129</sup> Xe," Mag. Reson. Med., Vol. 36, No. 2, pp. 183-191 (August 1996).
	134.	Wagshul et al., "Optical Pumping of High-Density Rb With a Broadband Dye Laser and GaAlAs Siode Laser Arrays: Application to <sup>3</sup> He Polarization," Phys. Rev. A., Vol. 40, No. 8, pp. 4447-4454 (1989).
	135.	Wolber et al., "Perfluorocarbon Emulsions as Intravenous Delivery Media for Hyperpolarized Xenon," 41 Mag. Res. Med., pp. 442-449 (1999).
	136.	Wolber et al., "Spin-lattice relaxation of laser-polarized xenon in human blood," 96 Proc. Natl. Acad. Sci. USA, pp. 3664-3669 (March 1999).
	137.	Yen, W.M. et al., "Nuclear Magnetic Resonance of Xe129 in Solid and Liquid Xenon," Phys. Rev., 131:269 (1963).
	138.	Yonas, H. et al., "Determination of Irreversible Ischemia by Xenon-Enhanced Computed Tomographic Monitoring of Cerebral Blood flow in Patients with Symptomatic Vasospasm," Neurosurgery, Vol. 24, pp. 368-372 (March 1989).
	139.	Zeng et al., "Wall Relaxation of Spin Polarized <sup>129</sup> Xe Nuclei," Phys. Ltrs., Vol. 96A, No. 4 (06/27/83).
	140.	Zeng et al., "Experimental determination of the rate constants for spin exchange between optically pumped K, Rb, and Cs atoms and <sup>129</sup> Xe nuclei in alkali-metal-noble-gas van der Waals molecules," Physical Review A, Vol. 31, No. 1, pp. 260-278 (January 1985).

 EXAMINER  
 \*EXAMINER

/D. Jones/

DATE CONSIDERED

03/03/2009

Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/



<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)				Attorney Docket Number <b>5770-21</b>		Serial No. <b>09/804,369</b>	
				Applicants: <b>Bastiaan Driehuys et al.</b>			
				Filing Date <b>March 12, 2001</b>		Group <b>1619</b>	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	1.	WO 99/47940	23/09/99	PCT			Yes
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							

03/03/2009

EXAMINER

/D. Jones/

DATE CONSIDERED

\*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DJ/